

Daily Report Cruise 5

October 13, 2010

This is the fifth cruise of the MC252 Deep water sediment sampling program, R/V Gyre. Three stations were sampled (D055S, D006S, FF-MT1) one cast per station. Weather was favorable, 1-2 foot swells and a light breeze.

Station 1

1. Station ID: D055S
2. Average Lat: 28.415708
Average Lon: -88.725594
3. Depth: 1376.00
4. Time Corer Deployed: 2:15
Time Corer Recovered: 2:46
Time Corer on Deck: 3:15
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.
8. LBNL samples:

Core number: GT0087

| Sample ID | Sample Type | Volume | Storage |
|-----------------------------|-------------|--------|---------|
| SE-20101013-GY-D055S-BC-269 | Intact Core | NA | -80C |
| SU-20101013-GY-D055S-BC-270 | AODC | 20ml | 4C |
| SU-20101013-GY-D055S-BC-271 | DNA Filter | 700ml | -80C |
| SU-20101013-GY-D055S-BC-272 | DNA Filter | 675ml | -80C |
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Station 2

1. Station ID: FF-MT2
2. Average Lat: 28.447919
Average Lon: -89.671883

Daily Report Cruise 5

October 13, 2010

3. Depth: 683.68
4. Time Corer Deployed: 11:52
Time Corer Recovered: 12:08
Time Corer on Deck: 12:27
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.
8. LBNL samples:

Core number: GT0074

| Sample ID | Sample Type | Volume | Storage |
|-----------------------------|-------------|--------|---------|
| SE-20101013-GY-FFMT2-BC-273 | Intact Core | NA | -80C |
| SU-20101013-GY-FFMT2-BC-274 | AODC | 20ml | 4C |
| SU-20101013-GY-FFMT2-BC-275 | DNA Filter | 500ml | -80C |
| SU-20101013-GY-FFMT2-BC-276 | DNA Filter | 460ml | -80C |
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Station 3

1. Station ID: FF-MT1
2. Average Lat: 28.539636
Average Lon: -89.828800
3. Depth: 211.10
4. Time Corer Deployed: 14:01
Time Corer Recovered: 14:13
Time Corer on Deck: 14:29
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney

October 13, 2010

8. LBNL samples:

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